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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/639,085	08/16/2000	Takeshi Miura	PI07156-00018	3134
7590 02/10/2004 ARENT FOX KINTNER PLOTKIN & KAHN, PLLC 1050 Connecticut Avenue, N.W. Suite 600 Washington, DC 20036-5339			EXAMINER SHANG, ANNAN Q	
			ART UNIT 2614	PAPER NUMBER 8

DATE MAILED: 02/10/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/639,085

Applicant(s)

MIURA ET AL.

Examiner

Annan Q Shang

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 November 2003.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 6, 14 and 15 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 6, 14 and 15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 7/11-14-03.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 6, 14 and 15, are rejected under 35 U.S.C. 103(a) as being unpatentable over **Streck et al (4,916,532)** in view of **Sugiyama et al (5,815,631)**.

As to claim 1, note the **Streck et al** reference figures 12 and 22, disclose television local wireless transmission control where a source of a video signal to be viewed at a remote location such as a TV Camera, Cable Select Box, Antenna, or VCR and further disclose terminal equipment connected to a cable television station of cable television to receive a cablecast signal for television programming delivered from the cable television station, the terminal equipment comprising...is met as follows:
the claimed "master terminal..." is met by Receiver (Rec) 54 (fig. 7-9, 12 and col. 5, lines 50-col. 6, line 2), note that Rec 54 receives wireless transmission of video, transmitted via Antenna 26, from TV signal source (TV-SS) 10 for VCRs 18 and TV Sets 20, Rec 54 includes a Local Tuner 176 "a first tuner section," (figs. 22, 23 and col. 11, lines 52), for receiving Radio Frequency (RF) signals "a cablecast signal" for television programming delivered from TV signal source 10, "a cable television station" and transferring an image signal received from the RF signal to TV Set 20, "first television receiver," Remote Tuner (RT) 178, "a second tuner section" also receives RF signals for

television programming from TV-SS 10, and Antenna 26' "a radio transmitter section" connected to RT 178 and transmits image signal output from RT 178; and further discloses a function control circuit 126 that controls the tuners 176 and 178 and cable select box 16 with provided with full channel tuners 176 and 178 with channel selector inputs 180 and apply the image signal to other TV set to enable watching different programs at different locations (col. 11, lines 11-45);

the claimed "at least one slave terminal including a radio-receiving section for receiving the image signal transmitted from said radio-transmitter...." is met by VCR 18 (col. 6, lines 23-27 and col. 10, line 51-col. 11, line 7), note that VCR 18 is slave terminal which includes RF Receiver for receiving image signal transmitted from the Antenna 26' of Rec 54, "can be reversed and/or combined to advantage" that is VCR 18, can also wirelessly receive signals for recording and/or display of video information and further transmit to other remote TV Sets 20 or Video Camera.

Strech fails to explicitly teach a message signal outputting section for outputting a message signal for displaying a selecting state of the selector subsection on the second television receiver, to transmit the message signal through the radio-transmitter section to the slave terminal, when the selector subsection is switched to send the image signal from the second tuner section to the picture-recording device.

However, note **Sugiyama et al** reference figures 1 and 2, teaches method and apparatus for controlling an audio video (AV) system having a number of AV devices where a TV Receiver 1 or AV Center "master terminal" with Controller 14, Selector 16, Signal Process Circuit 12, etc., (fig. 2 and col. 3, lines 11-34) is connected to other AV

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devices (VTR 2-5, Satellite Tuner 7, etc.,) by bus to enable signals to be transmitted and/or received between AV devices (col. 4, line 55-col. 5, line 1 and line 11-25) and during dubbing or recording operations by each AV devices, messages, such as "ON" signals, with respect to the recording state "selection state" of an AV device(s), are transmitted across to indicate to the AV Center or AV devices the recording state of each AV device, to enable the AV Center or the AV devices to determine the present and absent of image signals (col. 6, lines 12-21, lines 49-60, col. 7, lines 4-13 and lines 33-44) note also col. 8, line 25+).

Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to incorporate the teaching of Sugiyama into the system of Streck to provide messages from the master terminal to of to a user at slave terminal to indicate the absence of an image signal, when recording of the same image signals being received by the slave terminal and furthermore to enable the user to be aware that the image signal is being recorded on another device.

As to claim 6, Streck teaches all the claim limitations as previously discussed with respect to claim 3, and but fails to specifically teach a controller switches a selector subsection of the second tuner in responses to manipulation signal input to supply the image to the second tuner section to Antenna 26' or a terminal connect to a picture-recording device. However Streck teaches a VCR 18 with selectable tuner and a controller for switching between recording and/or display of the received image signal, note col. 9, lines 15-68.

Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to modify Streck RT 178 "the second tuner" of Local Receiver 54 with a selector and a controller in order to directly control the Receiver to record the image signals received at the Receiver.

As to claim 14, Streck further teaches where the VCR includes a remote controller receiving section for a remote control signal supplied from a Universal Controller 32 (col. 9, line 63-col. 10, line 14).

Response to Arguments

3. Applicant's arguments with respect to claims 6, 14 and 15 have been considered but are moot in view of the new ground(s) of rejection. The cancellation of all the independent claims and the new claims necessitated the new ground(s) of rejection discussed above. This Office Action is made FINAL.

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

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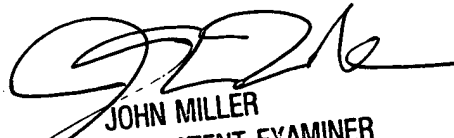
extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Annan Q Shang** whose telephone number is **703-305-2156**. The examiner can normally be reached on **700am-500pm**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **John W Miller** can be reached on **703-305-4795**. The fax phone number for the organization where this application or proceeding is assigned is **703-872-9306**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the **Electronic Business Center (EBC)** at **866-217-9197 (toll-free)**.

Annan Q. Shang.


JOHN MILLER
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600